

Abstract

The invention relates to novel mixed metal oxides of the formula  $AXO_3$  and to mixtures of such mixed metal oxides. The particle size of the inventive substances is preferably in the nanoscale region, i.e. well into the sub- $\mu m$  range. The novel compounds can be used in particular for the detection of gases, in particular of incombustible gases such as  $CO_2$ .